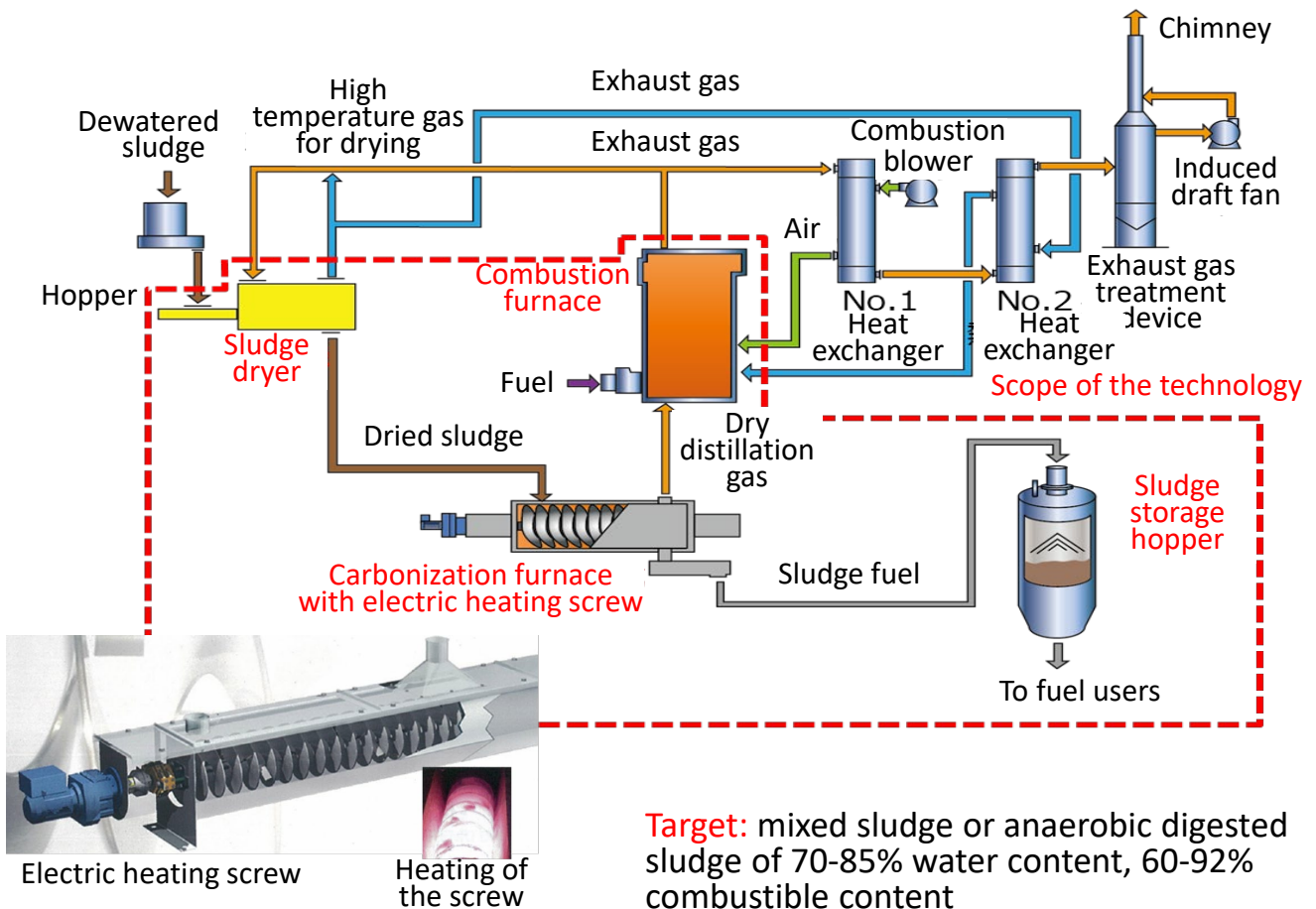


# Sludge Fuelization Using Carbonizing Furnace with Electric Heating Screw

Developer: Kobelco Eco-solutions Co., Ltd.

Sludge carbonization technology that uses electricity as a heat source **requires no hot air generation furnace**, which the conventional combustion furnace needs. The compact and simple system achieves a **significant energy saving** and **sludge fuelization with stable calorific value**.



**\*There is a specific range of sludge properties which you can expect demonstrated performance. Ask JS for details.**

## Needs

- Promote the fuelization of sludge with various properties
- Use digestion gas generated from the existing facilities or digestion facilities under consideration as a supplemental fuel

## Benefits

- Further energy saving than the conventional outer heating kiln carbonizing furnace
- Generating sludge fuel with a stable calorific value